

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074093.D
 Acq On : 24 Aug 2022 15:50
 Operator : JC\MD
 Sample : N4244-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-103I

Quant Time: Aug 25 07:54:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

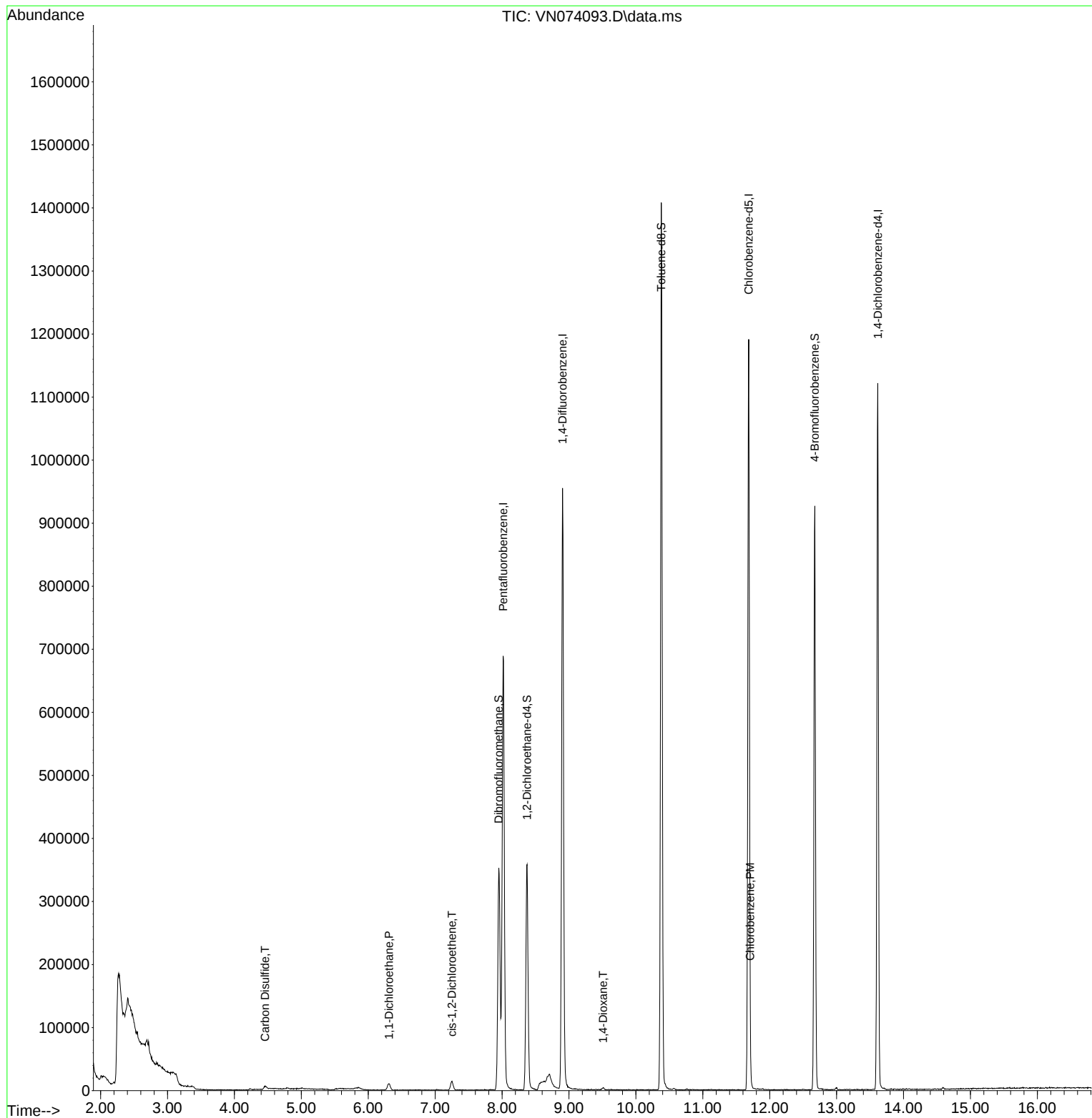
Internal Standards						
1) Pentafluorobenzene	8.016	168	577161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	881617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	738580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	323527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	294549	52.397	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.800%
35) Dibromofluoromethane	7.951	113	261948	50.241	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.480%
50) Toluene-d8	10.380	98	973482	48.210	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.420%
62) 4-Bromofluorobenzene	12.674	95	305503	45.587	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.180%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.457	76	13020	1.202	ug/l #	92
24) 1,1-Dichloroethane	6.310	63	15778	1.772	ug/l	96
27) cis-1,2-Dichloroethene	7.251	96	8180	1.321	ug/l	86
49) 1,4-Dioxane	9.510	88	2361	14.846	ug/l #	63
65) Chlorobenzene	11.710	112	4832	0.308	ug/l #	86

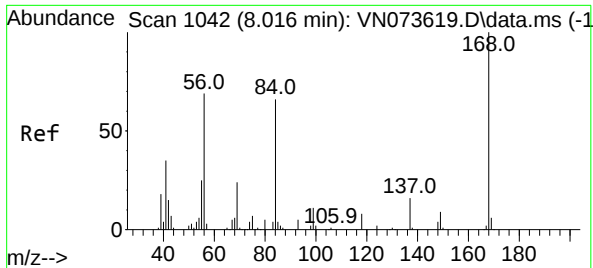
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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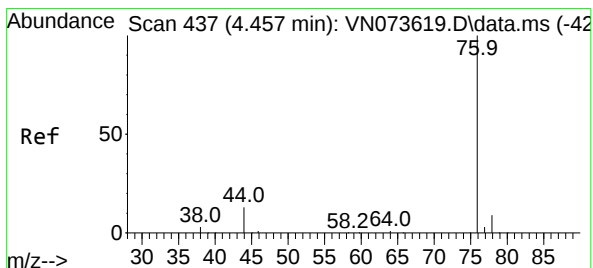
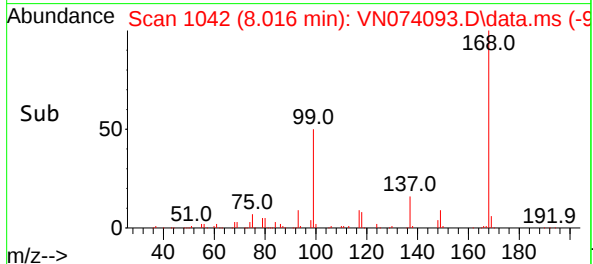
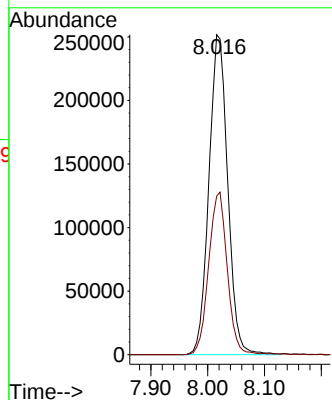
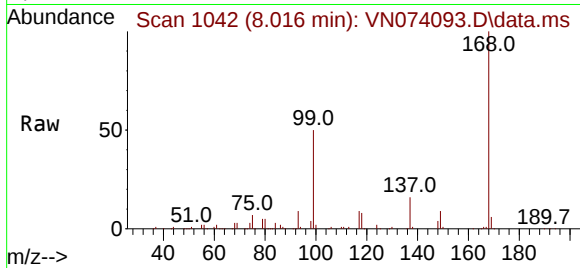




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

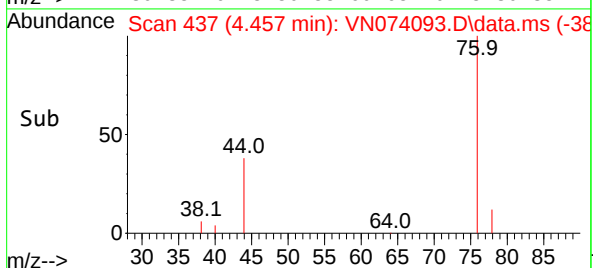
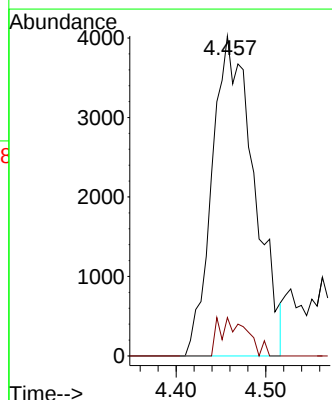
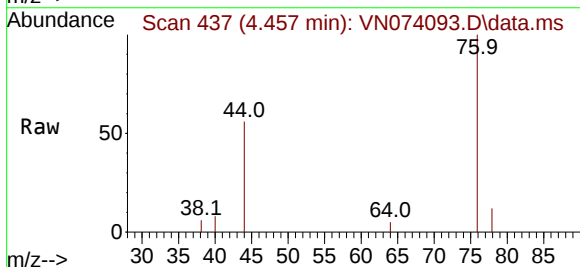
Instrument :
MSVOA_N
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MW-103I

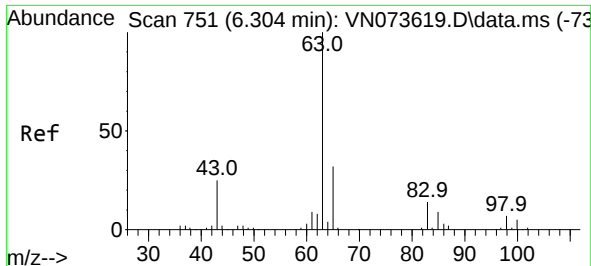
Tgt Ion:168 Resp: 577161
Ion Ratio Lower Upper
168 100
99 49.6 42.3 63.5



#17
Carbon Disulfide
Concen: 1.202 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

Tgt Ion: 76 Resp: 13020
Ion Ratio Lower Upper
76 100
78 12.0 7.2 10.8#

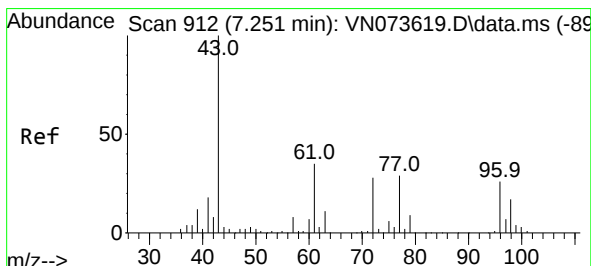
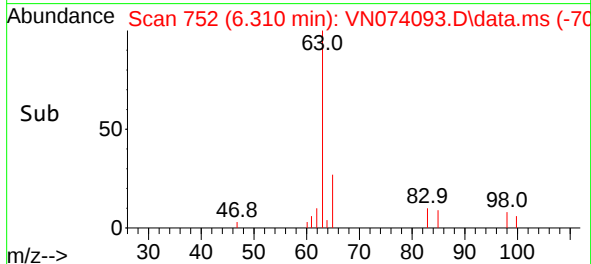
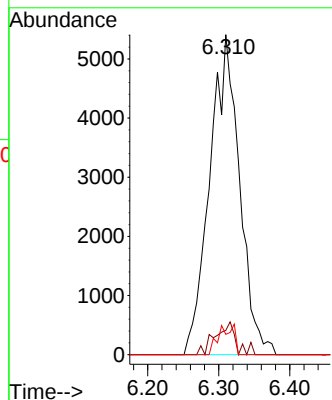
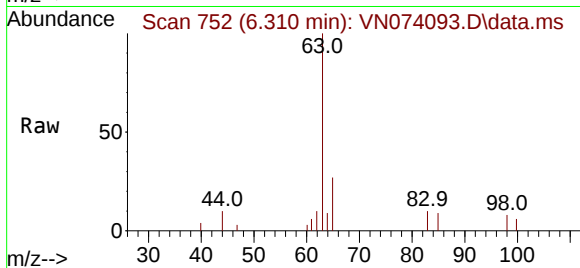




#24
 1,1-Dichloroethane
 Concen: 1.772 ug/l
 RT: 6.310 min Scan# 752
 Delta R.T. 0.006 min
 Lab File: VN074093.D
 Acq: 24 Aug 2022 15:50

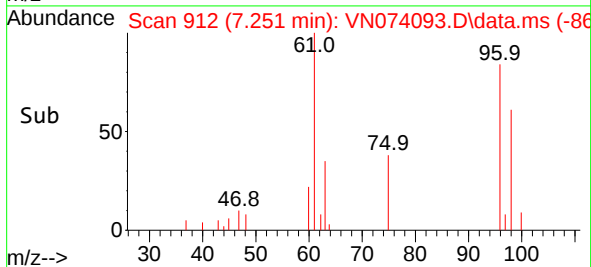
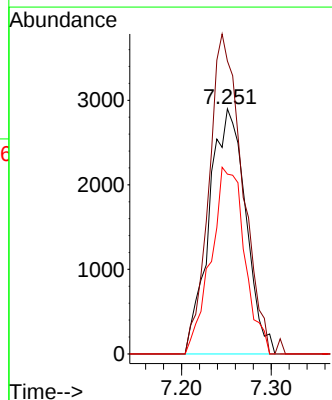
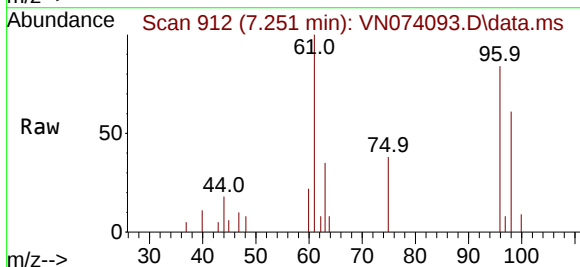
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-103I

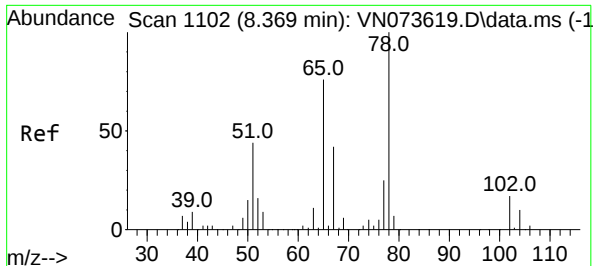
Tgt Ion: 63 Resp: 15778
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 6.4 2.3 6.8



#27
 cis-1,2-Dichloroethene
 Concen: 1.321 ug/l
 RT: 7.251 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VN074093.D
 Acq: 24 Aug 2022 15:50

Tgt Ion: 96 Resp: 8180
 Ion Ratio Lower Upper
 96 100
 61 119.5 0.0 280.6
 98 70.2 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 52.397 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074093.D

Acq: 24 Aug 2022 15:50

Instrument :

MSVOA_N

ClientSampleId :

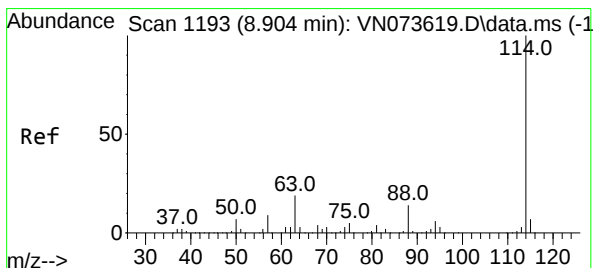
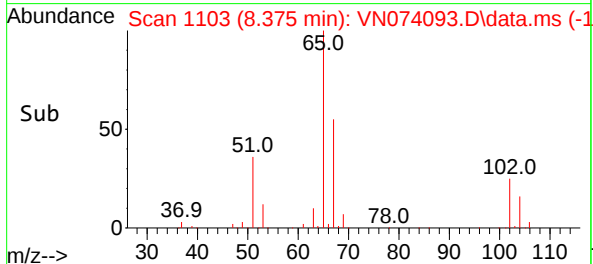
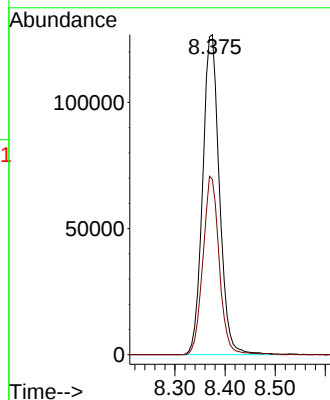
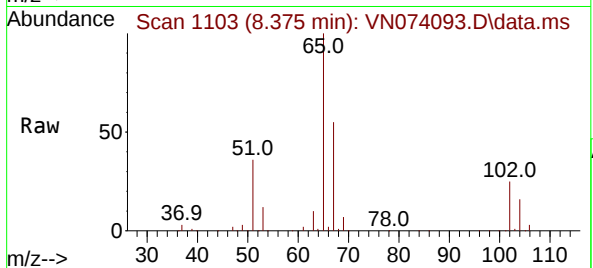
MW-103I

Tgt Ion: 65 Resp: 294549

Ion Ratio Lower Upper

65 100

67 54.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074093.D

Acq: 24 Aug 2022 15:50

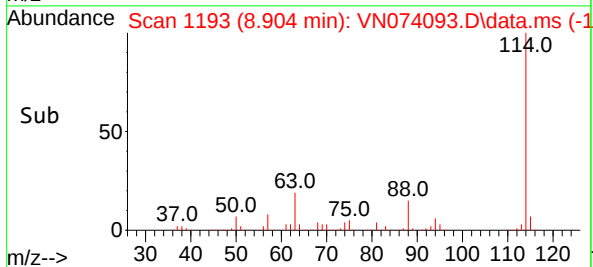
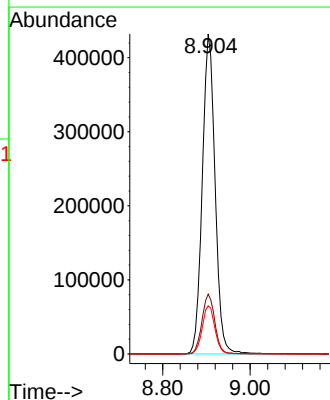
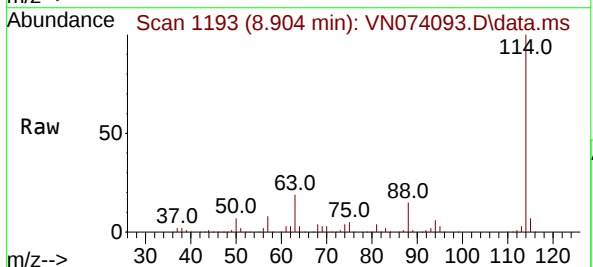
Tgt Ion: 114 Resp: 881617

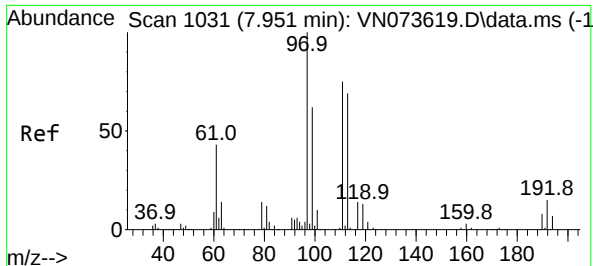
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.241 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074093.D

Acq: 24 Aug 2022 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-103I

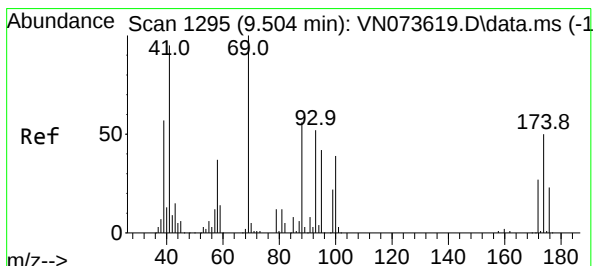
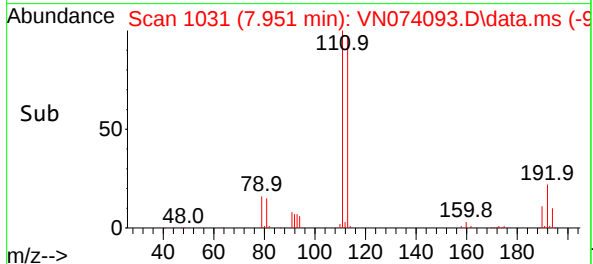
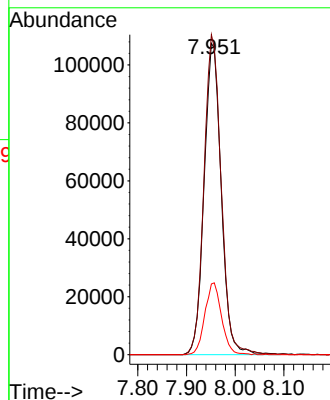
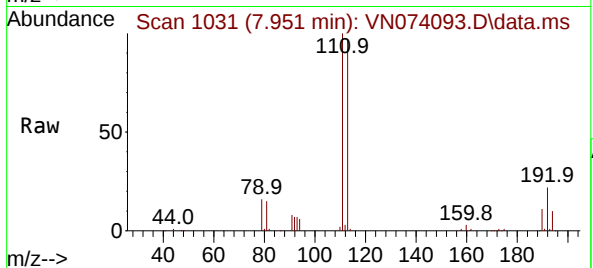
Tgt Ion:113 Resp: 261948

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 22.6 17.0 25.6



#49

1,4-Dioxane

Concen: 14.846 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VN074093.D

Acq: 24 Aug 2022 15:50

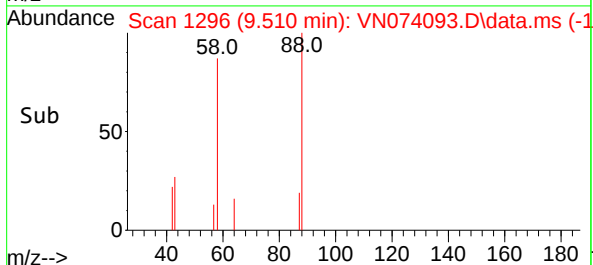
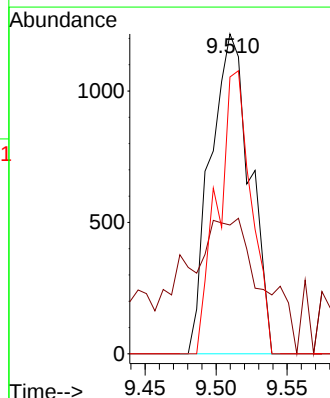
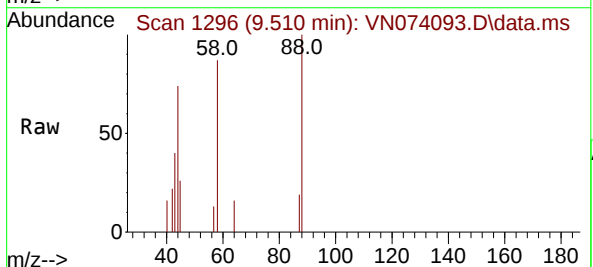
Tgt Ion: 88 Resp: 2361

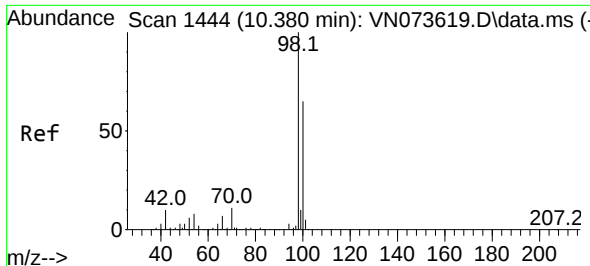
Ion Ratio Lower Upper

88 100

43 81.3 20.2 30.4#

58 75.0 54.2 81.4

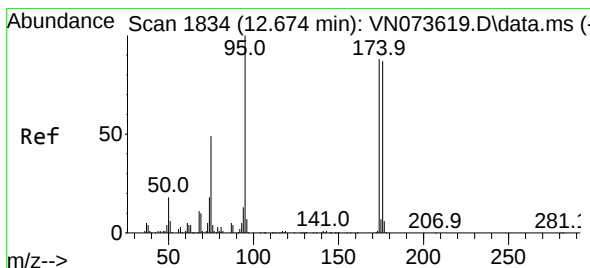
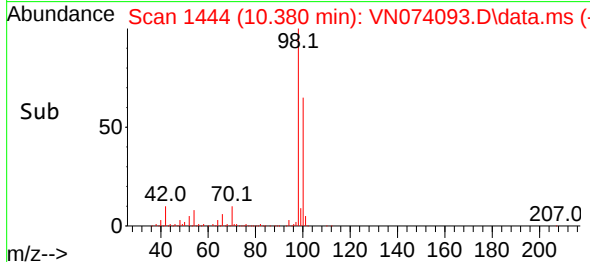
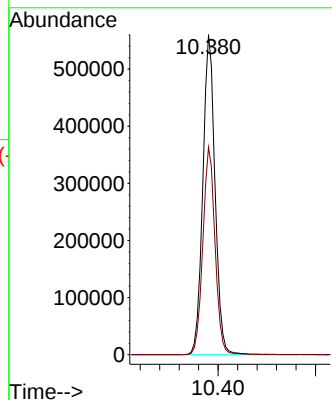
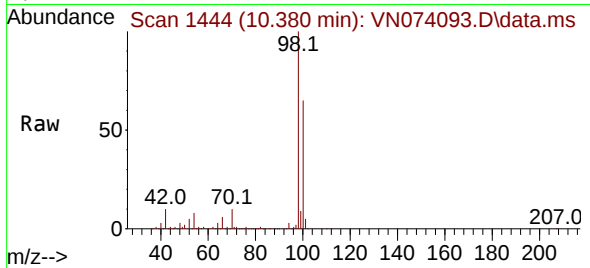




#50
Toluene-d8
Concen: 48.210 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

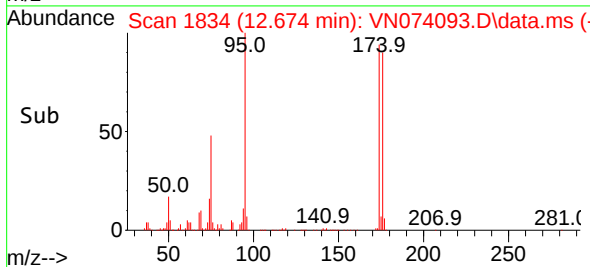
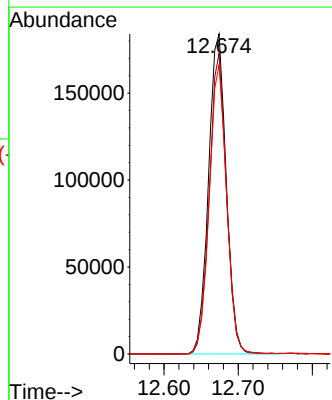
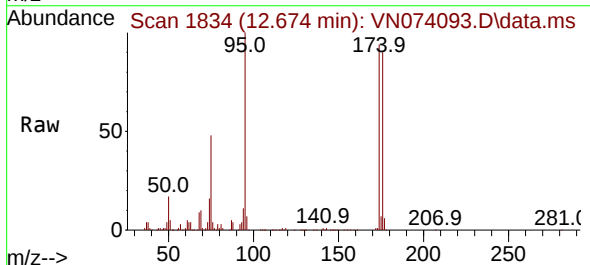
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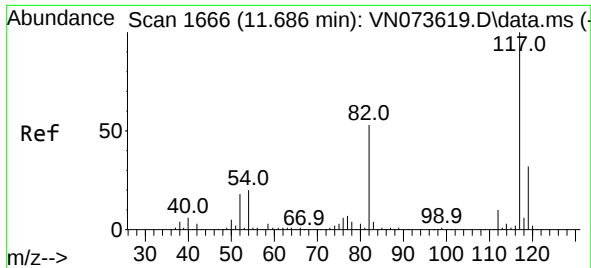
Tgt Ion: 98 Resp: 973482
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.587 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

Tgt Ion: 95 Resp: 305503
Ion Ratio Lower Upper
95 100
174 91.0 0.0 167.6
176 88.1 0.0 163.4

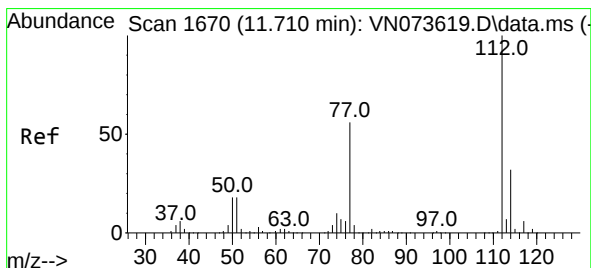
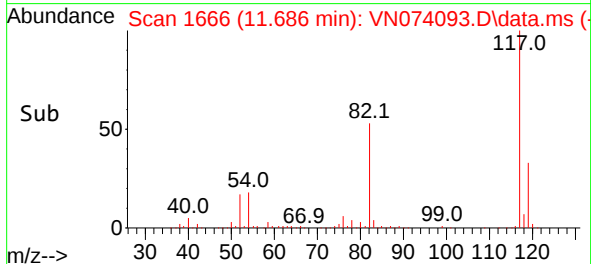
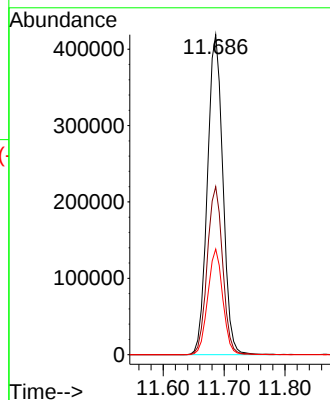
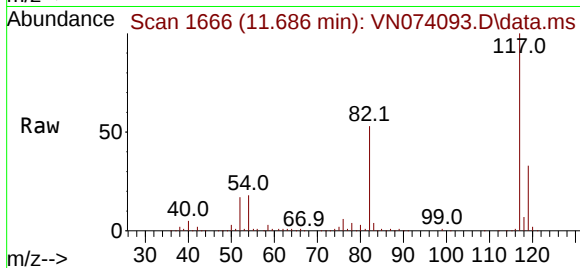




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

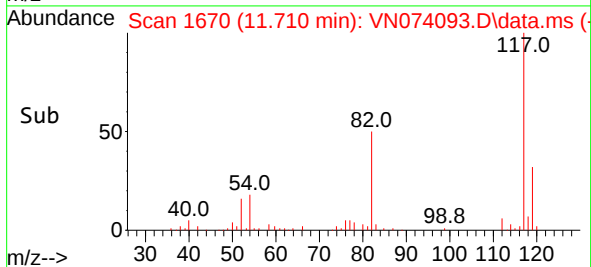
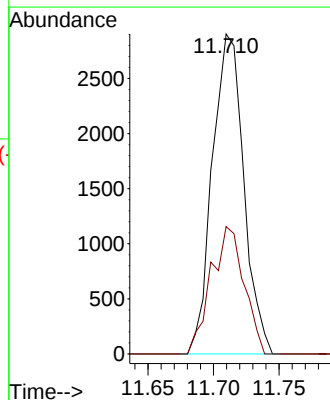
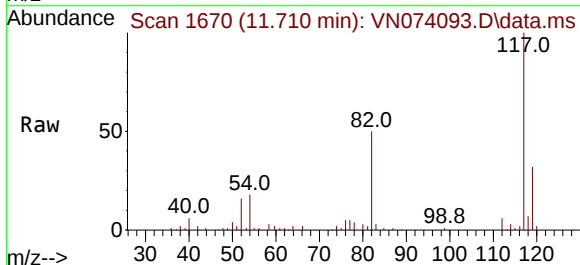
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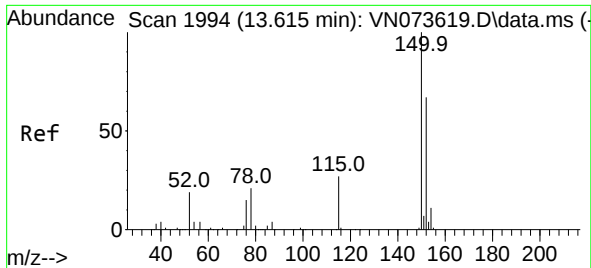
Tgt Ion:117 Resp: 738580
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 33.0 25.4 38.0



#65
Chlorobenzene
Concen: 0.308 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074093.D
Acq: 24 Aug 2022 15:50

Tgt Ion:112 Resp: 4832
Ion Ratio Lower Upper
112 100
114 39.8 25.4 38.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN074093.D

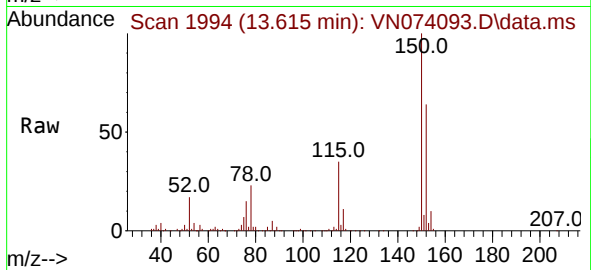
Acq: 24 Aug 2022 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-103I



Tgt Ion:152 Resp: 323527

Ion Ratio Lower Upper

152 100

115 55.8 28.9 86.7

150 157.5 0.0 356.2

